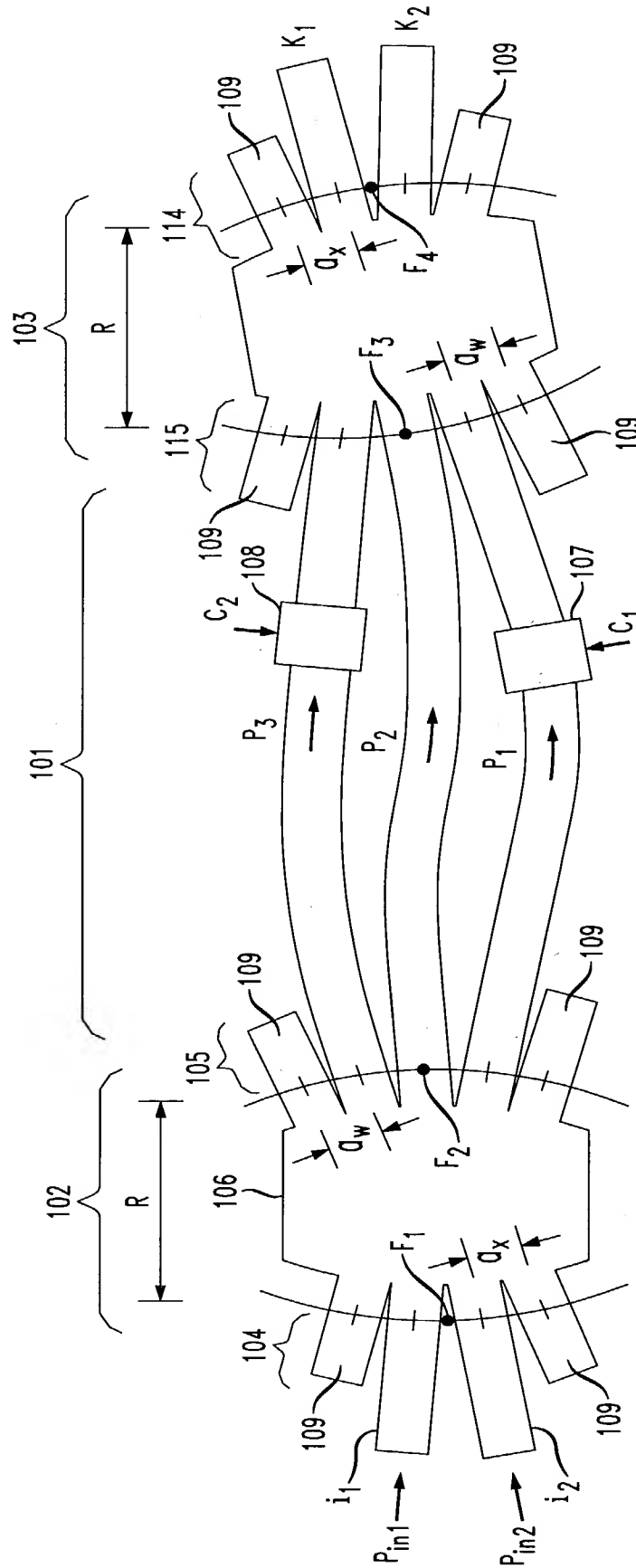




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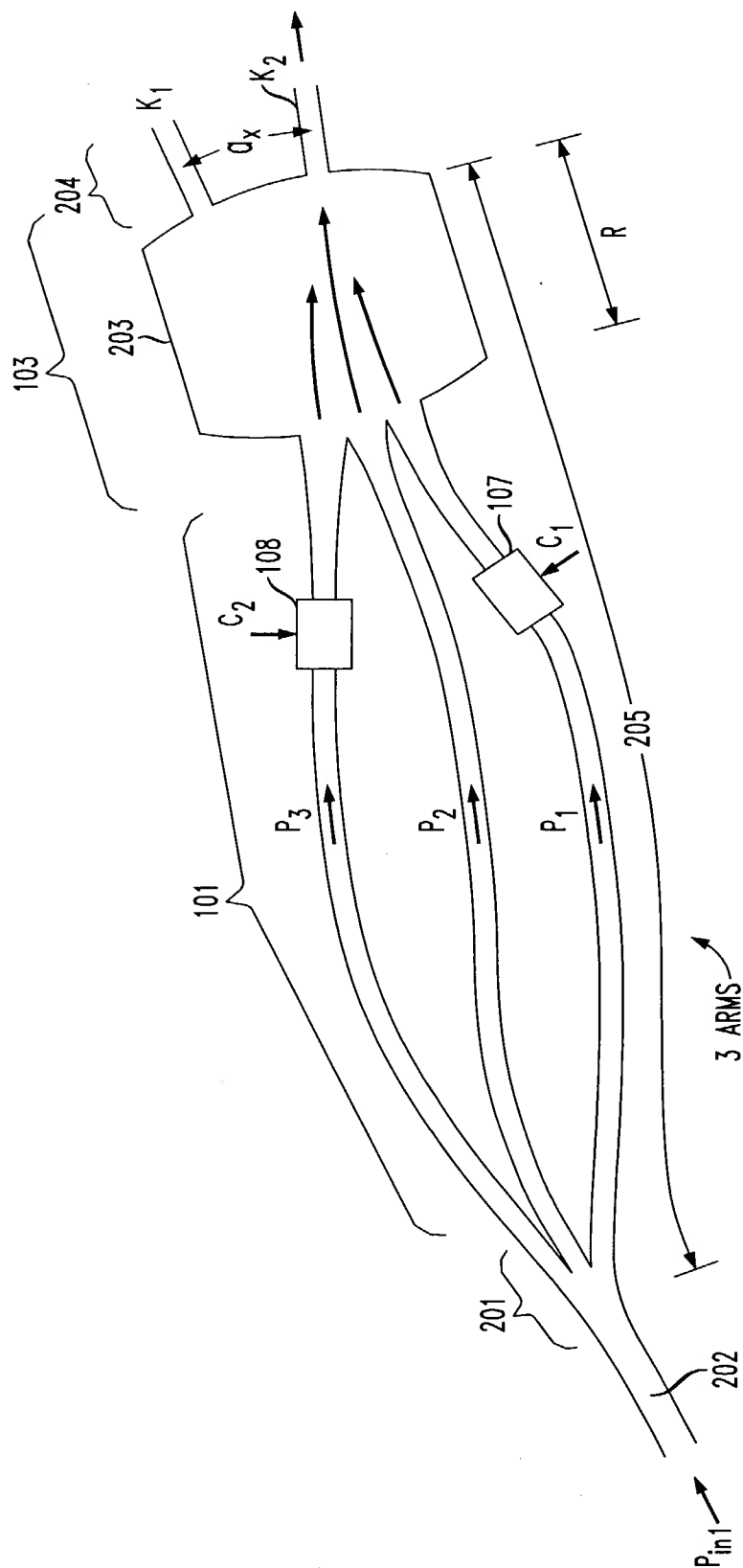
FIG. 1





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FIG. 2





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FIG. 3A

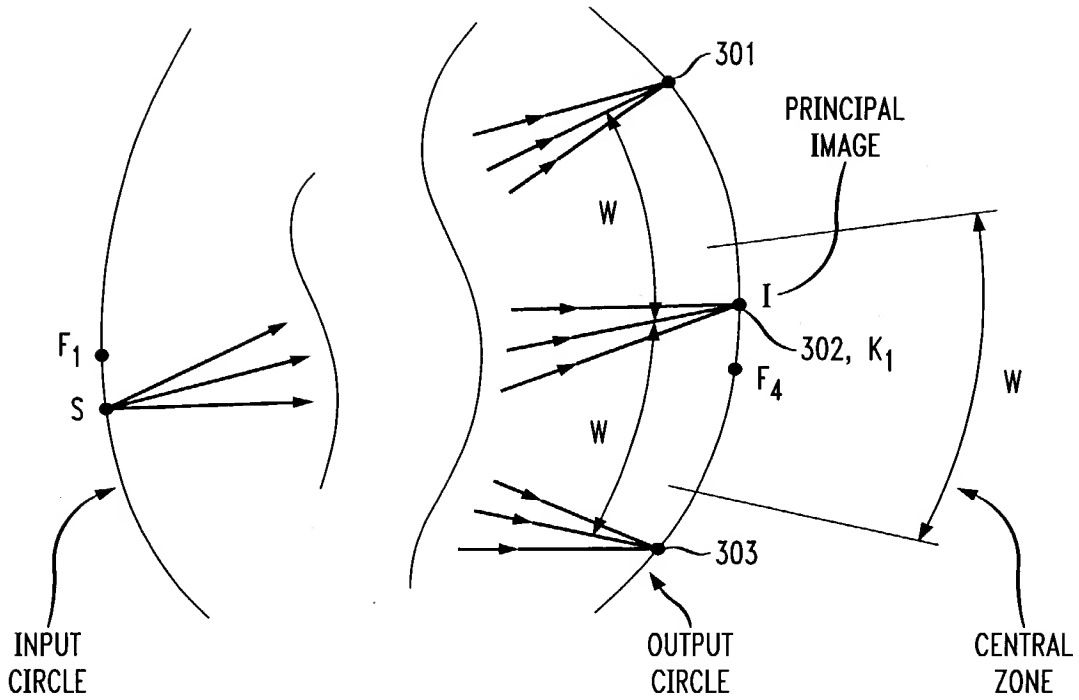
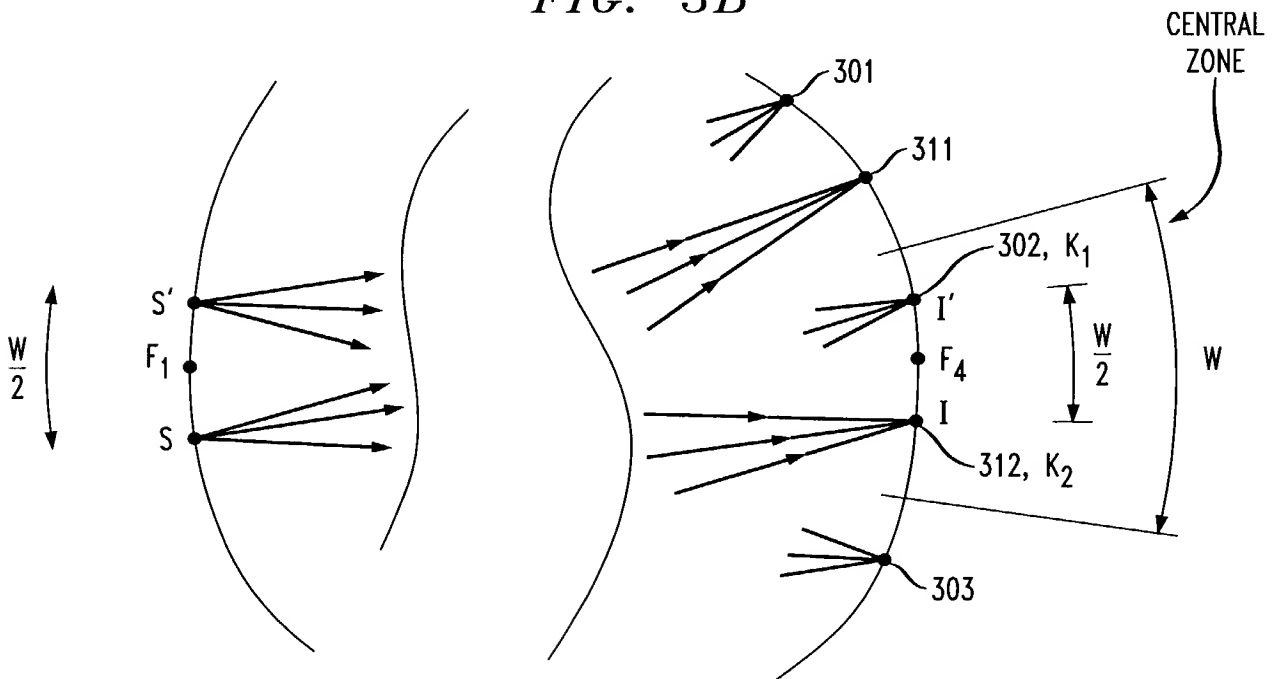


FIG. 3B



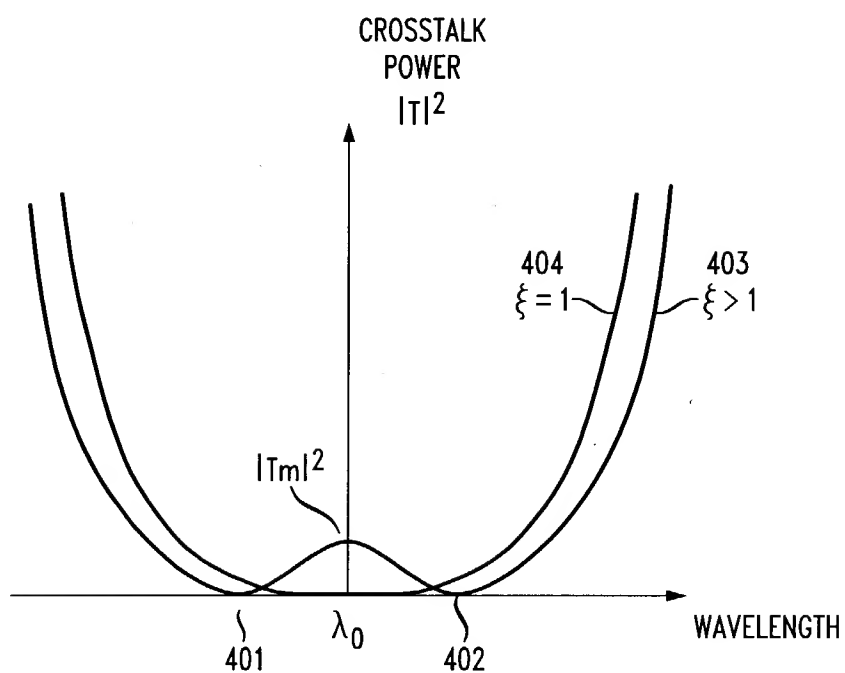


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FIG. 4





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FIG. 5A

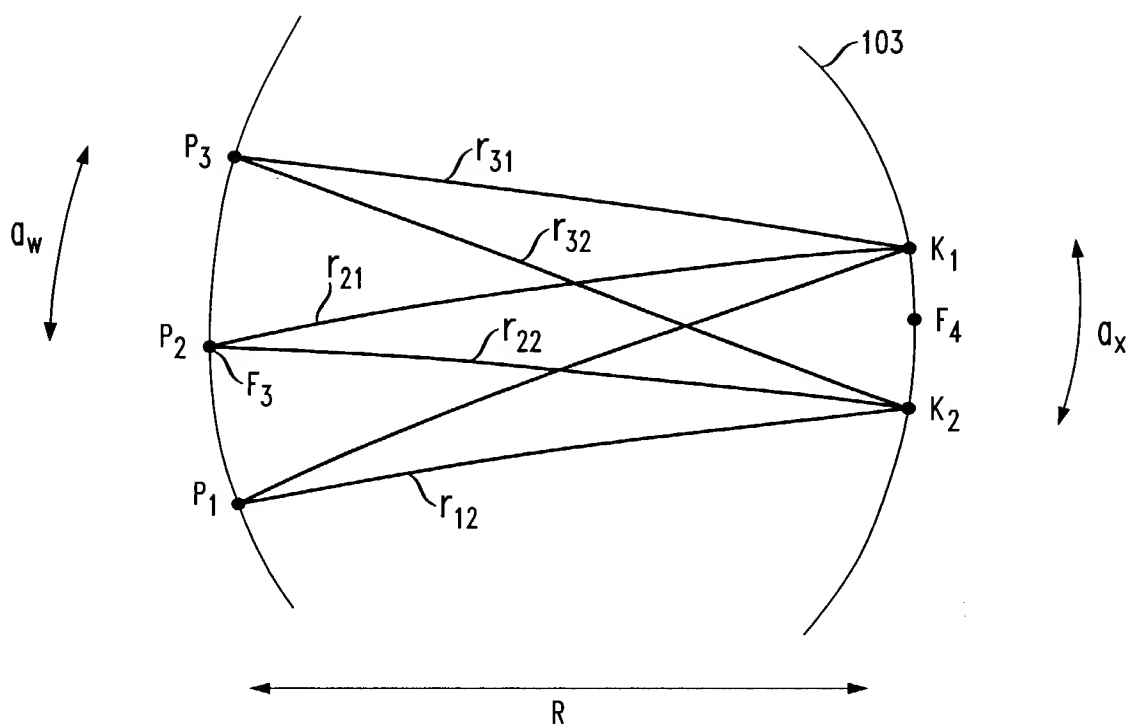
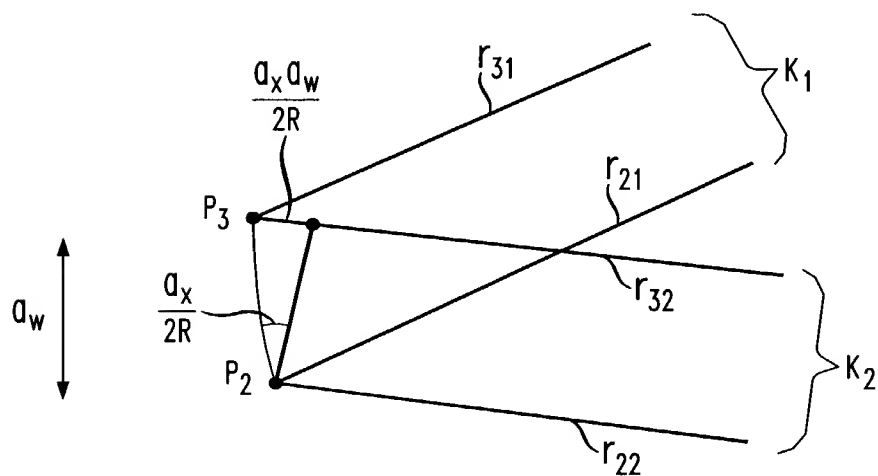


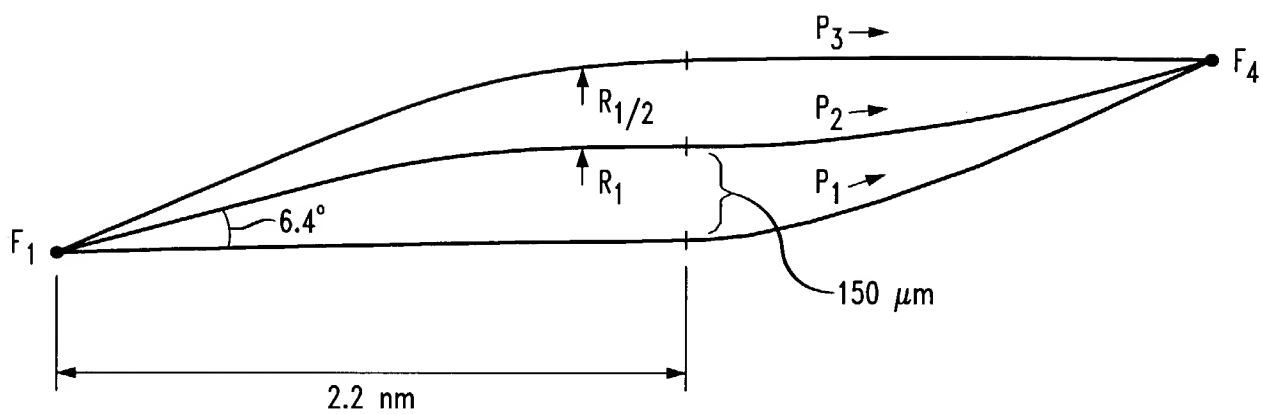
FIG. 5B





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FIG. 6



$$R_1 = 30 \text{ nm}$$

$$a = 5 \mu\text{m}$$

$$R = 90 \mu\text{m}$$

$$\lambda_0 \approx 1 \mu\text{m}$$

$$n_0 = 1.445 \text{ (GLASS)}$$

$$\Delta n \approx 0.65\%$$



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FIG. 7A

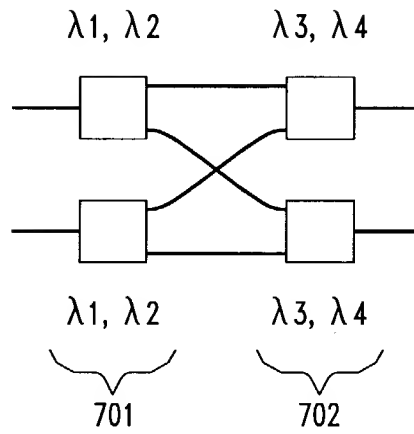
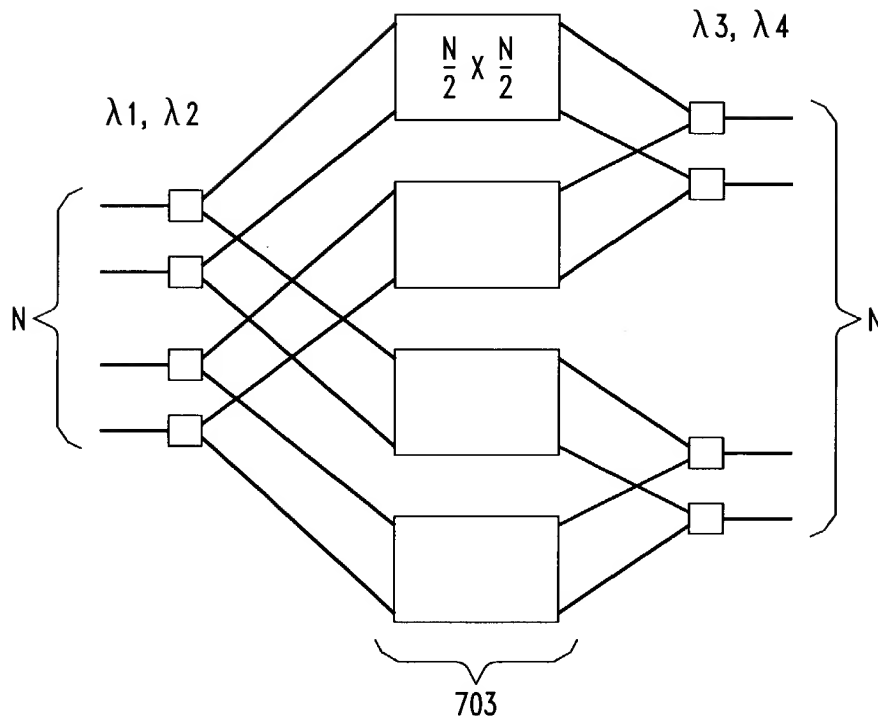


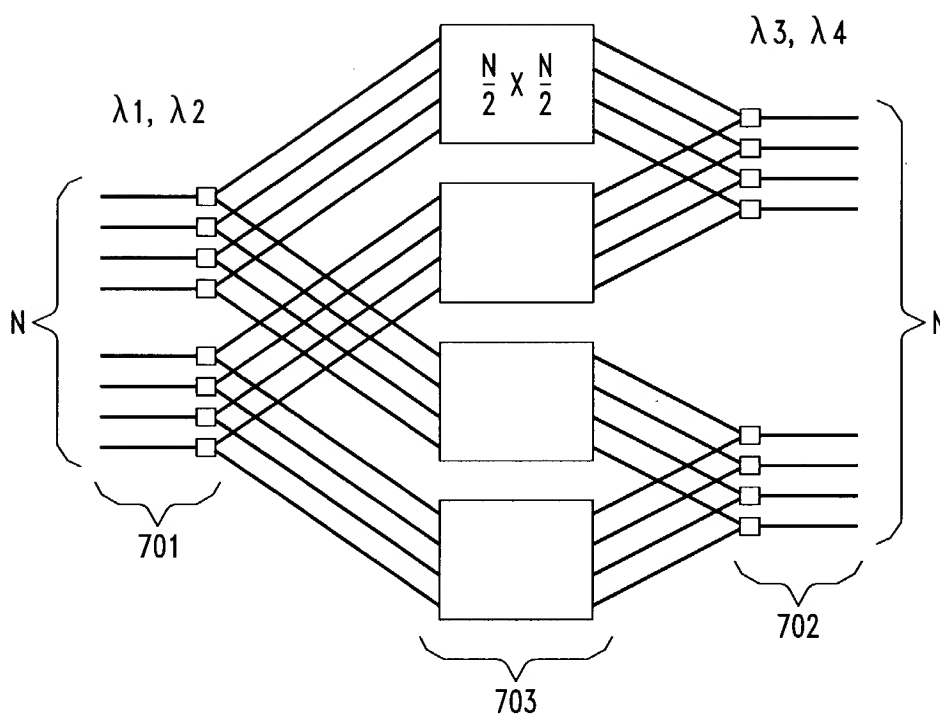
FIG. 7B





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FIG. 7C



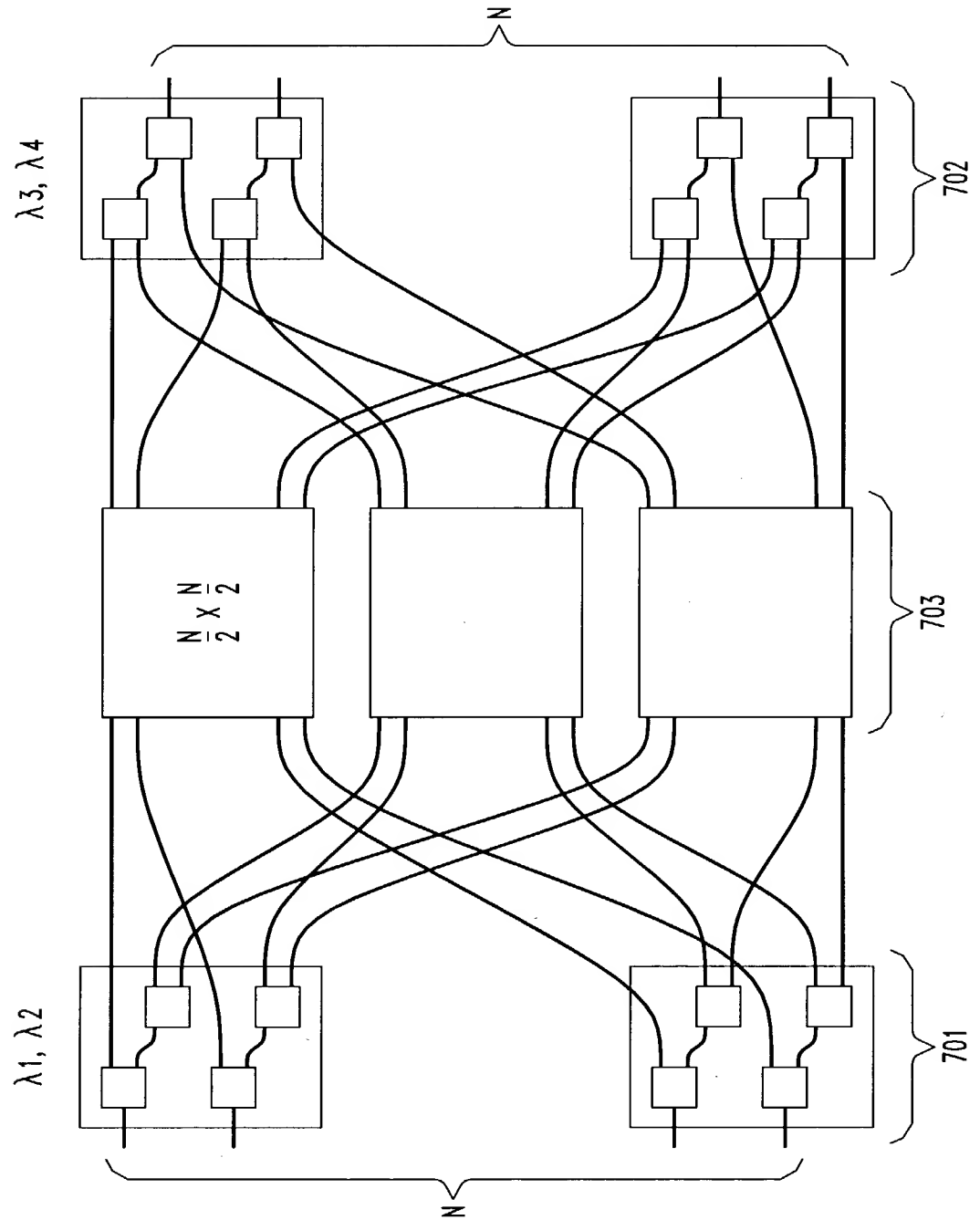


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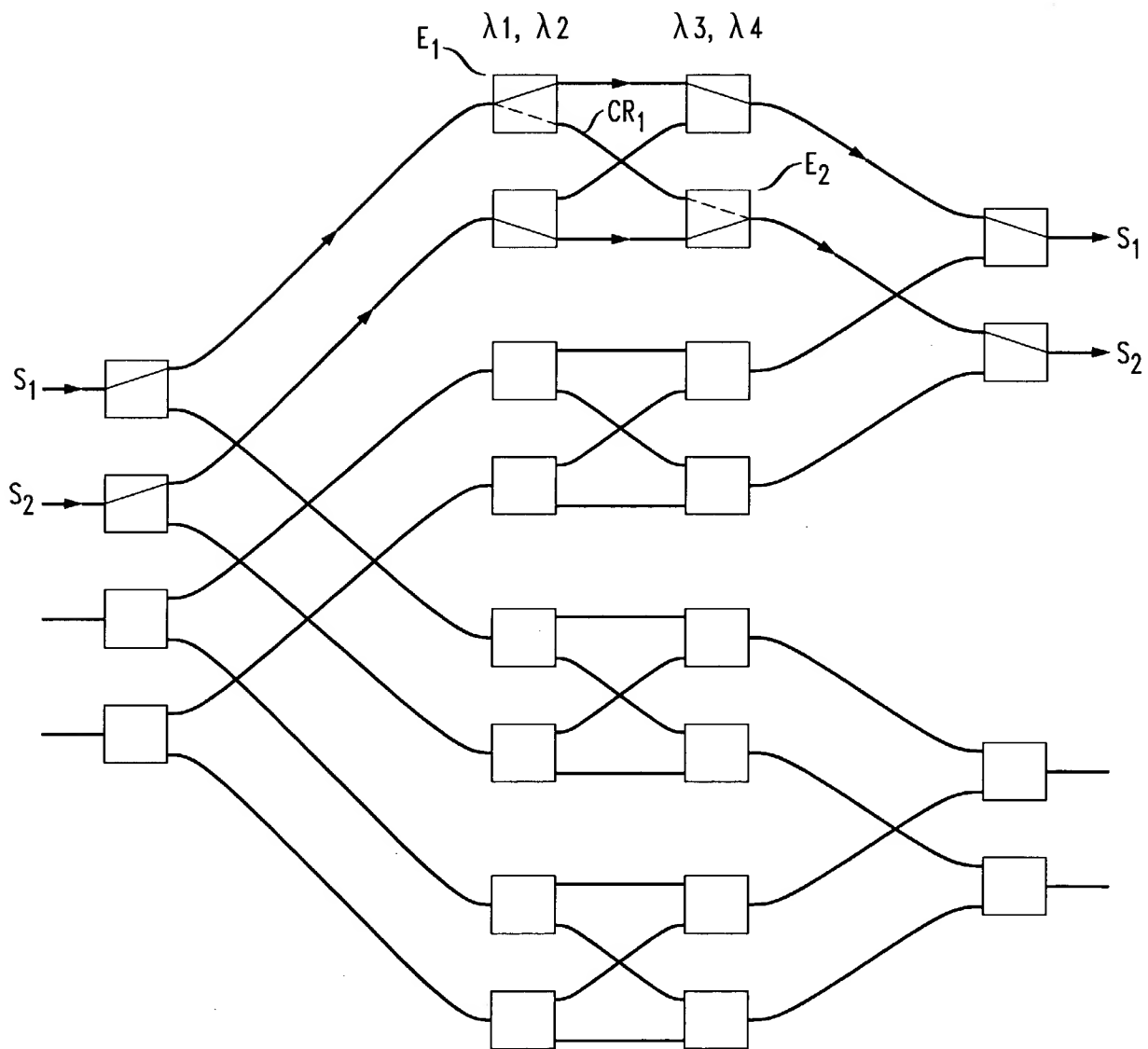
FIG. 7D





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FIG. 7E





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FIG. 8

